MONTHLY BULLETIN

OF

THE OBSERVATORY

AMERICAN UNIVERSITY OF BEIRUT

FORMERLY

SYRIAN PROTESTANT COLLEGE

BEIRUT, SYRIA

LAT. 33° 54′ 22″ N.

LONG. E. FROM GREENWICH 35° 28′ 10″

SEPTEMBER 1923

J. A. BROWN, DIRECTOR

PRINTED AT THE UNIVERSITY PRESS

SEPTEMBER 1923

METEOROLOGICAL REGISTER

Date	Barometer reduced to 0°C. Sea level and 45° Latitude				Thermometer Cent. (Corrected)			Bright Sunshine hrs.	Rain m.m.
	8:30	2:30	8:30	mean	Max.	Min.	Min. on grass		
1	757.8	757.5	758.0	757.8	30.2	23.6		11.2	
2	9.0	8.1	8.0	8.4	29.6	23.2		11.3	
3	7.7	6.5	6.2	6.8	30.1	23.6		11.0	
4	6.5	5.3	5.0	5.6	33.2	24.6		10.7	
5	5.2	4.7	4.3	4.7	34.5	27.0		10.9	
6	6.0	5.1	5.2	5.4	32.5	25.7		10.9	
7	5.2	4.1	4.7	4.7	29.9	23.8		10.8	
8	5.9	5.8	6.1	5.9	30.9	24.1		8.7	
9	7.3	6.4	6.5	6.7	31.0	24.1		8.3	
10	7.2	6.8	5.7	6.6	30.3	25.1		5.7	
11	7.6	7.4	7.8	7.6	30.3	26.1		2.9	
12	8.4	8.0	7.9	8.1	27.8	25.7		0.0	
13	8.8	8.2	8.1	8.4	30.1	26.1		5.8	
14	8.5	7.9	7.7	8.0	29.6	26.3		3.2	
15	8.3	8.0	8.2	8.2	30.0	26.3		7.2	
16	9.1	8.3	7.8	8.4	30.0	26.4		6.1	
17	7.1	5.2	4.6	5.6	29.8	22.9		8.4	
18	3.9	2.5	2.4	2.9	28.9	22.3		8.7	
19	2.3	3.1	4.8	3.4	30.3	22.3		3.8	
20	6.0	6.9	7.3	6.7	30.1	22.5		7.7	
21	9.4	9.7	60.8	60.0	30.1	19.8		3.2	11.04
22	61.4	60.5	59.8	0.6	29.3	22.8		6.5	
23	59.1	57.7	7.5	58.1	29.0	22.8		6.4	
24	7.6	7.1	7.4	7.3	28.3	21.8		8.7	
25	7.9	8.1	8.6	8.2	28.7	23.1		8.7	
26	9.5	9.8	60.3	9.9	28.4	25.0		4.1	
27	61.1	60.9	1.4	61.1	28.2	21.8		7.5	
28	1.5	0.4	0.1	0.7	27.6	21.8		5.4	
29	0.6	59.9	0.2	0.2	27.5	22.1		7.9	
30	1.2	61.2	0.8	1.1	27.3	22.1		2.0	
31									
	757.9	757.4	757.4	757.6	29.8	23.8		7.1	11.04

BAROMETER

Maximum	761.5	on 28th
Minimum	752.3	on 19th

THERMOMETER

Maximum	34.5	on 5th
Minimum	19.8	on 21st
Minimum on grass		on

RAINFALL

Maximum 11.04 mm. on 21st

Number of days with rain 1 thunderstorms 0 fog 0 gale 0

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METEOROLOGICAL REGISTER

Date	Dry Bulb Cent. (Corrected)				Wet Bulb Cent. (Corrected)			Elasticity of Vapour mm.				Relative Moisture per cent.			
	8:30	2:30	8:30	mean	8:30	2:30	8:30	8:30	2:30	8:30	mean	8:30	2:30	8:30	mean
1	28.3	29.2	26.8	28.1	22.7	24.5	22.8	16.2	19.0	17.4	17.5	56	62	66	61
2	28.2	28.9	26.4	27.8	23.4	24.2	24.0	17.7	18.7	20.1	18.8	62	62	78	67
3	27.8	29.2	29.3	28.8	24.5	25.9	23.9	20.0	22.0	17.9	20.0	72	73	59	68
4	28.8	31.1	30.8	30.2	26.6	26.9	23.6	23.7	22.6	16.4	20.9	80	67	50	66
5	32.3	33.9	32.5	32.9	25.5	24.5	23.6	18.8	16.1	15.4	16.8	53	40	42	45
6	29.9	31.2	29.6	30.2	26.1	27.1	25.7	21.7	22.9	21.1	21.9	68	65	68	67
7	28.3	29.4	27.3	28.3	25.0	26.2	25.8	20.6	22.5	23.4	22.2	72	73	87	77
8	27.8	30.4	27.2	28.5	25.8	26.1	25.6	22.9	21.3	22.8	22.0	83	66	85	78
9	28.3	30.2	26.1	28.2	25.4	25.4	24.6	21.4	22.2	21.6	21.7	75	69	86	77
10	28.8	29.4	26.9	28.4	24.8	25.0	24.1	19.9	19.9	20.0	19.9	67	64	76	69
11	28.3	28.7	26.6	27.9	24.8	24.6	24.2	20.1	19.4	20.5	20.0	70	66	78	70
12	27.1	27.4	26.5	27.0	24.4	24.5	24.4	20.5	20.3	21.0	20.6	76	74	81	77
13	27.8	29.5	27.0	28.4	24.5	25.2	24.3	20.0	20.2	20.3	20.2	72	65	77	71
14	28.2	28.9	27.2	28.1	24.8	25.1	24.4	20.4	20.4	20.3	20.4	72	69	76	72
15	28.9	29.4	27.1	28.5	25.2	25.2	24.8	20.5	20.3	21.3	20.7	69	66	81	72
16	28.6	28.7	26.6	28.0	24.9	25.0	23.8	20.2	20.3	19.5	20.0	69	69	75	71
17	27.3	28.8	24.9	27.0	23.7	23.8	22.4	18.9	18.0	18.2	18.4	71	66	78	70
18	26.7	28.7	25.8	27.1	22.0	23.6	22.9	16.1	17.7	15.5	16.4	61	69	74	65
19	27.1	29.2	25.1	27.1	23.4	24.4	22.3	18.5	18.9	17.7	18.4	70	62	74	69
20	27.2	28.6	25.1	26.6	23.3	23.9	21.9	18.1	18.3	17.1	17.8	68	62	72	67
21	27.3	25.7	25.6	26.5	23.4	25.0	23.4	18.2	22.0	19.5	19.9	67	84	80	77
22	26.8	28.9	24.2	26.6	23.9	24.3	22.2	19.6	18.8	18.2	18.9	74	63	82	73
23	26.2	28.8	24.8	26.6	22.6	25.7	21.2	17.5	21.8	15.1	18.4	69	74	70	71
24	26.2	27.8	25.4	26.5	22.1	25.6	21.5	16 6	22.4	16.2	18.4	65	81	67	71
25	27.0	28.0	25.5	26.8	22.1	23.6	22.1	16.2	18.2	17.1	17.2	60	64	70	65
26	26.3	26.8	24.6	25.9	22.6	22.8	21.6	20.0	17.5	16.9	18.1	68	65	74	69
27	25.1	27.7	25.3	26.4	21.5	22.9	21.8	15.8	17.1	16.7	16.5	62	62	70	65
28	26.1	25.1	24.8	25.7	22.1	22.4	21.7	16.8	17.2	15.9	16.6	65	68	69	68
29	25.1	27.3	24.8	25.7	21.5	22.4	21.1	16.4	16.4	15.8	16.2	69	61	68	66
30	25.8	25.1	24.8	25.6	22.7	22.4	22.1	18.1	17.2	17.7	17.7	73	68	75	72
31															
	27.6	28.8	26.5	27.6	23.8	24.6	23.2	19.0	19.7	18.6	19.1	69	66	73	69

Height of Barometer above sea level: 33.7 meters.

„ „ Thermometers above ground:

Dry and wet 1.55 m.; Max. 1.75 m.; Min. 1.70 m.

Height of Rain Guage: above ground 0.56 m.; above sea level 30.31 m.

Gravity Correction −0.79mm.

Time of readings according to Standard Time of 30th E. Meridian.

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METEOROLOGICAL REGISTER

Date	Clouds. Clear—0 Overcast—10				Direction and force of Wind 0—10			Wind per day	Sea	Notes
	8:30	2:30	8:30	mean	8:30	2:30	8:30	Km.		
1	0	0	0	0	0	2n	Ine	317.3	v. slight	
2	0	0	0	0	1	2ne	Ine	206.7	slight	
3	0	0	0	0	0	2n	3n	279.0	,,	
4	2s	0	0	0.7	2	In	3n	312.8	v. slight	
5	0	0	0	0	2	0	2n	241.4	calm	sirocco
6	0	0	1	0.3	1	1	0	168.8	,,	
7	0	0	0	0	0	2n	3n	176.7	,,	
8	1s	0	0	0.3	1	1s	2n	219.1	,,	
9	1	0	0	0.3	1	2	0	132.5	,,	
10	2	9	10	7.0	0	1s	0	66.2	v. slight	
11	5	10	10	8.3	1	1s	1nw	151.3	,,	
12	10cu n	10	1	7.0	1nw	1nw	3ne	340.6	,,	
13	9	0	10	6.3	0	1ne	1ne	281.9	,,	
14	6	10	10	8.7	1ne	1ne	1ne	286.5	,,	
15	3cu s	0	10	4.3	1ne	1n	2n	287.0	,,	
16	2	9	2	4.4	1n	1n	0	242.4	calm	
17	1	0	1	0.7	1	2	0	145.6	,,	
18	0	0	4	1.3	0	1ne	2ne	208.6	,,	
19	7	8	0	5.0	0	2	0	95.5	,,	
20	1s	2cu s	0	1.3	2	0	0	166.5	,,	
21	1	0	0	0.3	3s	2	1	196.4	slight	thunder, light-
22	1	4	2cu s	2.3	2s	2s	0	163.8	v. slight	dew ning
23	4	3cu s	4	3.7	1	1	0	91.1	,,	
24	0	1cu s	4cu ci	1.7	1	0	0	180.1	calm	
25	1	0	3cu ci	1.3	1ne	1ne	0	125.5	,,	
26	8cu n	7cu n	8cu n	7.7	2nw	0	0	220.2	,,	
27	0	2cu s	2	1.3	1	2ne	1ne	225.2	,,	few drops p.m.
28	2cu s	9cu n	3ci	4.7	1e	1ne	1n	182.3	,,	
29	2cu s	3ci	1s	2.0	0	2ne	1ne	141.9	,,	
30	8	9cu n	3cu n	6.7	1w	1	2	108.3	v. slight	few drops at night
31										
				3.0				198.7		

Number of Daily Wind Observations

Time	N	NE	E	SE	S	SW	W	NW	Calm
8:30	1	3	1	0	2	12	1	2	8
2:30	6	8	0	0	4	6	1	1	4
8:30	7	8	0	0	0	2	0	1	12
Totals	14	19	1	0	6	20	2	4	24

N.B.—Cloud numbers without letters are all cu.

Wind ,, ,, ,, ,, ,, sw.